WHAT IS CLAIMED IS:

1. A non-aqueous secondary battery, comprising:

a positive electrode,

a negative electrode, and

an electrolytic solution, which is charged or discharged by repeating a reaction of intercalating and deintercalating ions at said positive electrode and said negative electrode, respectively, wherein

said negative electrode comprises graphite powder which has a particle size equal to or smaller than 100 μm and which has an intensity ratio (P_2/P_1) equal to or less than 0.92, wherein P_1 is a diffraction peak of hexagonal crystal structure which appears in a range of the diffraction angle from 41.7 degrees to less than 42.7 degrees and P_2 is a diffraction peak of rhombohedral crystal structure which appears in a range of the diffraction angle from 42.7 degrees to 43.7 degrees in a X-ray diffraction pattern with the CuKα line.

2. A non-aqueous secondary battery as claimed in claim 1, wherein said graphite has an intensity ratio (P_2/P_1) equal to or less than 0.92, wherein P_1 is a diffraction peak which appears in a range of the diffraction angle from 41.7 degrees to 42.7 degrees and P_2 is a diffraction peak which appears in a range of the diffraction angle from 42.7 degrees to 43.7 degrees in a X-ray diffraction pattern with the CuKα line.

3. A non-aqueous secondary battery as claimed in claim 1, wherein said graphite has an intensity ratio (P_3/P_1) equal to or less than 0.75, wherein P_1 is a diffraction peak which appears in

a range of the diffraction angle front 41.7 degrees to 42.7 degrees and P_3 is a diffraction peak which appears in a range of the diffraction angle from 45.3 degrees to 46.6 degrees in a x-ray diffraction pattern with the CuKα line.

4. A non-aqueous secondary battery, comprising:

a positive electrode,

a negative electrode, and

an electrolytic solution, which is charged or discharged by repeating a reaction of intercalating and deintercalating ions at said positive electrode and said negative electrode, respectively, wherein

said negative electrode comprises graphite powder which has a particle size equal to or smaller than 100 μm and which has an intensity ratio (P_3/P_1) equal to or less than 0.75, wherein P_1 is a diffraction peak of hexagonal crystal structure which appears in a range of the diffraction angle from 41.7 degrees to less than 42.7 degrees and P_3 is a diffraction peak of rhombohedral crystal structure which appears in a range of the diffraction angle from 45.3 degrees to 46.6 degrees in a X-ray diffraction pattern with the CuKα line.

5. A non-aqueous secondary battery as claimed in claim 4, wherein said graphite has an intensity ratio (P_2/P_1) equal to or less than 0.92, wherein P_1 is a diffraction peak which appears in a range of the diffraction angle from 41.1 degrees to 42.7 degrees and P_2 is a diffraction peak which appears in a range of the diffraction angle from 42.7 degrees to 43.7 degrees in a X-ray diffraction pattern with the CuKα line.

6. A non-aqueous secondary battery as claimed in claim 4, wherein said graphite has an intensity ratio (P_3/P_1) equal to or less than 0.75, wherein P_1 is a diffraction peak which appears in a range of the diffraction angle from 41.7 degrees to 42.7 degrees and P_3 is a diffraction peak which appears in a range of the diffraction angle from 45.3 degrees to 46.6 degrees in a X-ray diffraction pattern with the CuKα line.

7. Electrodes for a non-aqueous secondary battery, comprising:

a positive electrode, and

a negative electrode, wherein

said negative electrode comprises graphite powder which has a particle size equal to or smaller than 100 μm and which has an intensity ratio (P_2/P_1) equal to or less than 0.92, wherein P_1 is a diffraction peak of hexagonal crystal structure which appears in a range of the diffraction angle from 41.7 degrees to less than 42.7 degrees and P_2 is a diffraction peak of rhombohedral crystal structure which appears in a range of the diffraction angle from 42.7 degrees to 43.7 degrees in a X—ray diffraction pattern with the CuKα line.

8. Electrodes for a non-aqueous secondary battery as claimed in claim 7, wherein said graphite has an intensity ratio (P_2/P_1) equal to or less than 0.92, wherein P_1 is a diffraction peak which appears in a range of the diffraction angle from 41.7 degrees to 42.7 degrees and P_2 is a diffraction peak which appears in a range of the diffraction angle from 42.7 degrees to

43.7 degrees in a X-ray diffraction pattern with the CuKα line.

9. Electrodes for a non-aqueous secondary battery as claimed in claim 7, wherein said graphite has an intensity ratio (P_3/P_1) equal to or less than 0.75, wherein P_1 is a diffraction peak which appears in a range of the diffraction angle from 41.7 degrees to 42.7 degrees and P_3 is a diffraction peak which appears in a range of the diffraction angle from 45.3 degrees to 46.6 degrees in a X-ray diffraction pattern with the CuKα line.

10. Electrodes for a non-aqueous secondary battery, comprising:

a positive electrode, and

a negative electrode, wherein

said negative electrode comprises graphite powder which has a particle size equal to or smaller than 100 μm and which has an intensity ratio (P_3/P_3) equal to or less than 0.75, wherein P_1 is a diffraction peak of hexagonal crystal structure which appears in a range of the diffraction angle from 41.7 degrees to less than 42.7 degrees and P_3 is a diffraction peak of rhombohedral crystal structure which appears in a range of the diffraction angle from 45.3 degrees to 46.6 degrees in a X-ray diffraction pattern with the CuKα line.

11. Electrodes for a non-aqueous secondary battery, comprising:

a positive electrode, and

a negative electrode, wherein

said negative electrode comprises graphite powder which has an intensity ratio (P_2/P_1) equal to or less than 0.92, wherein P_1 is a diffraction peak of hexagonal crystal structure which appears in a range of the diffraction angle from 41.7 degrees to less than 42.7 degrees and P_2 is a diffraction peak of rhombohedral crystal structure which appears in a range of the diffraction angle from 42.7 degrees to 43.7 degrees in a X-ray diffraction pattern with the CuKα line.

12. Electrodes for a non-aqueous secondary battery, comprising:

a positive electrode, and

a negative electrode, wherein

said negative electrode comprises graphite powder which has an intensity ratio (P_3/P_1) equal to or less than 0.75, wherein P_1 is a diffraction peak of hexagonal crystal structure which appears in a range of the diffraction angle from 41.7 degrees to less than 42.7 degrees and P_3 is a diffraction peak of rhombohedral crystal structure which appears in a range of the diffraction angle from 45.3 degrees to 46.6 degrees in a X-ray diffraction pattern with the CuKα line.